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**AUG 30 2007**

PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/02/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		<b>Complete if Known</b> Application Number 10/553,854 Filing Date October 19, 2005 First Named Inventor Milan R. Uskokovic Examiner Name Not Yet Assigned Art Unit N/A Attorney Docket No 59756DIV2(49949)	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 130.00			

<b>METHOD OF PAYMENT (check all that apply)</b> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____ <input checked="" type="checkbox"/> Deposit Account Deposit Account Number 04-1105 Deposit Account Name: Edwards Angell Palmer & Dodge LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	
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FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
2. EXCESS CLAIM FEES							
Fee Description	Fee (\$)	Small Entity Fee (\$)					
Each claim over 20 (including Reissues)	50	25					
Each independent claim over 3 (including Reissues)	200	100					
Multiple dependent claims	360	180					
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>			
- 20 =		x	=	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		
HP = highest number of total claims paid for, if greater than 20.							
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>				
- 3 =		x	=				
HP = highest number of independent claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
- 100 =		/50	(round up to a whole number) x	=			
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)				<b>Fees Paid (\$)</b>			
Other (e.g., late filing surcharge): Petition to Correct Inventorship under CFR 1.48 (b)				\$130.00			

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	56,468
Name (Print/Type)	Jacob G. Weintraub, Esq.	Telephone	(617) 239-0100
		Date	August 30, 2007

I hereby certify that this correspondence is being facsimile transmitted to fax number 571-273-8300 in the U.S. Patent and Trademark Office on the date shown below.	
Dated: August 30, 2007	Signature:  (Maxine Grillini)

R052\_628715.1

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**FAX TRANSMISSION****DATE:** August 30, 2007**PTO IDENTIFIER:** Application Number 10/553,854  
Patent Number**Inventor:** Milan R. Uskokovic et al.**MESSAGE TO:** USPTO PTAS System**FAX NUMBER:** (571) 273-8300**FROM:** EDWARDS ANGELL PALMER & DODGE LLP  
Jacob G. Weintraub, Esq.**PHONE:** (617) 239-0100**Attorney Dkt. #:** 59756DIV2(49949)**PAGES (Including Cover Sheet):** 14

<b>CONTENTS:</b>	Petition to Correct Inventorship Under 37 C.F.R. § 1.48 In Response to Notification of Defective Response (2 pages); Copy of Notification of Defective Response (2 pages); Fee Transmittal (1 page); Copy of Prior Submission to USPTO Mail Stop PCT (Via Facsimile) of 92 Bis Letter Adding Li, Yan Chun as an Inventor (7 pages, including facsimile report confirmation); Certificate of Transmission under 37 CFR 1.8; and Charge \$130.00 to deposit account 04-1105.
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EDWARDS ANGELL PALMER & DODGE LLP  
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Telephone: (617) 239-0100 Facsimile: (617) 227-4420

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Dated: August 30, 2007

Signature: 

Maxine Griffin

Docket No.: 597561DIV2(49949)  
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Milan R. Uskokovic et al.

Application No.: 10/553,854  
(National Stage (under U.S.C. 35 §371) Application of  
PCI/US04/13703)

Filed: October 19, 2005

Art Unit: N/A

For: USE OF GEMINI VITAMIN D<sub>3</sub> COMPOUNDS  
FOR TREATING HYPERTENSION

Examiner: Not Yet Assigned

**PETITION TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48**  
**IN RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In response to the Notification of Defective Response mailed from the U.S. Patent and Trademark Office on August 1, 2007, Applicants respectfully, and preliminarily, draw the attention of the Office to Applicants' 92 *bis* submission to add inventor YANCHUN LI during the international phase of this national stage application (submitted August 19, 2005 *via* facsimile). A copy of this submission is provided herewith along with the facsimile report confirmation.

This Petition to Correct Inventorship is filed under the provisions of 37 C.F.R. § 1.48 (b) and seeks to delete all inventors except Milan R. Uskokovic, 253 Highland Avenue, Upper

09/04/2007 HVUONG1 00000042 041105 10553854

01 FC:1464 130.00 DA

Application No.: 10/553,854

2

Docket No.: 59756DIV2(49949)

Montclair, New Jersey 07043 and Yanchun Li, 5652 S. Harper Avenue, Chicago, Illinois 60637 to the above-captioned application.

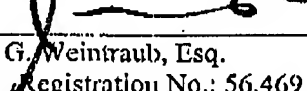
In accordance with 37 C.F.R. § 1.48 (b), the correct inventors were named in the non-provisional PCT application, Appln No. PCT/US04/13703. Moreover, the prosecution of the U.S. national stage of this application resulted in the amendment or cancellation of claims so that fewer than all of the inventors named in the PCT application are the actual inventors of the invention being claimed in the national stage application. As such, Applicants are requesting the deletion of the names of the following inventors, whose invention is no longer being claimed in this national stage application:

Luciano **ADORINI**;  
Guiseppe **PENNA**; and  
Hubert **MAHER**.

Additionally, in accordance with 37 C.F.R. § 1.48 (b) and § 1.17 (i), authorization for the payment of the required fee accompanies this petition. However, the Commissioner is hereby authorized to charge any additional required fee or credit any over payment to deposit account number 04-1105, under Order No. 59796DIV2(49949). The processing fee set forth in § 1.17(i).

Dated: August 30, 2007

Respectfully submitted,

By   
Jacob G. Weintraub, Esq.  
Registration No.: 56,469

EDWARDS ANGELL PALMER & DODGE LLP  
111 Huntington Avenue  
Boston, Massachusetts 02199-7613  
Attorneys/Agents For Applicant

NOS2\_628702.1

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/553,854	Luciano Adorini	59756DIV2(49949)

INTERNATIONAL APPLICATION NO.
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PCT/US04/13703

I.A. FILING DATE	PRIORITY DATE
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04/30/2004

04/30/2003

21874

EDWARDS ANGELL PALMER & DODGE LLP  
P.O. BOX 55874  
BOSTON, MA 02205

COPY

CONFIRMATION NO. 6551

371 FORMALITIES LETTER

\*OC000000025133811\*

Date Mailed: 08/01/2007

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 10/19/2005
- Copy of the International Search Report filed on 10/19/2005
- Preliminary Amendments filed on 10/19/2005
- Information Disclosure Statements filed on 10/19/2005
- Oath or Declaration filed on 02/27/2007
- Small Entity Statement filed on 02/27/2007
- U.S. Basic National Fees filed on 10/19/2005
- Priority Documents filed on 10/19/2005
- Power of Attorney filed on 10/19/2005
- Specification filed on 10/19/2005
- Claims filed on 10/19/2005
- Abstracts filed on 10/19/2005

Applicant's response filed 02/27/2007 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 11/30/2006 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - Milan R. Uskokovic signed but the other inventors Luciano Adorini, Giuseppe Penna, Hubert Maehr didnt sign, plus you have someone else that signed Yanchun Li that not listed on the IA.

Applicant is required to complete the response within a time limit of **ONE MONTH** from the date of this

Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.6)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/553,854	PCT/US04/13703	59756DIV2(49949)

FORM PCT/DO/EO/916 (371 Formalities Notice)

## TRANSACTION REPORT

AUG-19-2005 FRI 03:31 PM

## BROADCAST

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
AUG-19	03:28 PM	917033053230	2' 39"	8	SEND	OK	926	
TOTAL :						2M 39S	PAGES:	6

COPY

## FAX TRANSMISSION

DATE: August 19, 2005

PTO IDENTIFIER: Application Number US04/13703  
Patent Number

Inventor: Luciano Adorini et al.

MESSAGE TO: Commissioner for Patents, Attn: ISA/US, Mail Stop PCT

FAX NUMBER: (703) 305-3230

FROM: EDWARDS & ANGELL, LLP  
Peter C. Lauro, Esq.

PHONE: (617) 439-4444

Attorney Dkt. #: 59756WO(49949)

PAGES (including Cover Sheet): 6

CONTENTS: Rule 92bis Letter (2 pages)  
Executed PCT Power of Attorney (2 pages)  
Certificate of Transmission (1 page)

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**FAX TRANSMISSION****DATE:** August 19, 2005**PTO IDENTIFIER:** Application Number US04/13703  
Patent Number**Inventor:** Luciano Adorini et al.**MESSAGE TO:** Commissioner for Patents, Attn: ISA/US, Mail Stop PCT**FAX NUMBER:** (703) 305-3230**FROM:** EDWARDS & ANGELL, LLP

Peter C. Lauro, Esq.

**PHONE:** (617) 439-4444**Attorney Dkt. #:** 59756WO(49949)**PAGES (Including Cover Sheet):** 6**CONTENTS:** Rule 92bis Letter (2 pages)  
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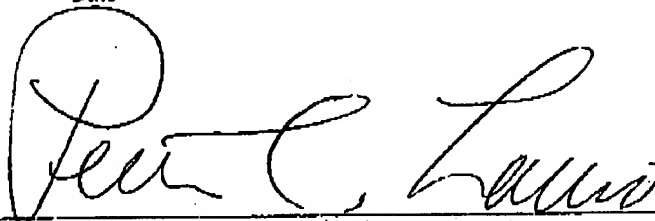
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Application No. (if known): US04/13703

Attorney Docket No.: 59756WO(49949)

## Certificate of Transmission under 37 CFR 1.8

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on August 19, 2005  
Date

Signature

Peter C. Lauro, Esq.

Typed or printed name of person signing Certificate

32,360

Registration Number, if applicable

(617) 439-4444

Telephone Number

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Rule 92bis Letter (2 pages)

Executed PCT Power of Attorney (2 pages)

Mail to P.O. Box 55874  
Boston, MA 02205

Peter C. Lauro  
Partner  
617.517.5509  
fax 888.325.9044  
plauro@EdwardsAngell.com

August 19, 2005

**VIA FACSIMILE: (703) 305-3230**  
Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Re: PCT Application No.: PCT/US04/13703; filed 30 April 2004  
Title: *GEMINI VITAMIN D3 COMPOUNDS AND METHODS OF USE THEREOF*  
Applicant: BioXcell S.P.A.  
Our Ref. No.: 59756WO (49949)

---

Dear Sir:

Pursuant to Rule 92*bis*, please amend the PCT Request for the above-referenced application to add the following applicant (for purposes of the United States of America only) and inventor:

**I.I. Yan Chun**  
**5652 South Harper Avenue**  
**Chicago, IL 60637**  
**United States of America**

State (that is, country) of nationality: US  
State (that is, country) of residence: US

Also, pursuant to Rule 92*bis*, please amend the PCT Request for the above-referenced application to add the following applicant (for purposes of all designated States except the United States of America):

**THE UNIVERSITY OF CHICAGO**  
**5555 South Woodlawn Avenue, Suite 300**  
**Chicago, IL 60637**  
**United States of America**

State (that is, country) of nationality: US  
State (that is, country) of residence: US

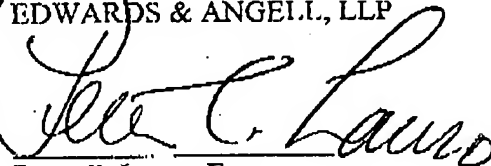
Commissioner for Patents  
August 19, 2005  
Page 2

Attorney Docket No.: 59756WO(49949)  
PCT Appln. No.: PCT/US04/13703

PCT Powers of Attorney executed by Applicant/Inventor Yan Chun Li and Applicant The University of Chicago are submitted herewith. Thank you for your attention to this matter.

Respectfully submitted,

EDWARDS & ANGELL, LLP

A handwritten signature in cursive script, appearing to read "Peter C. Lauro", is written over a horizontal line.

Peter C. Lauro, Esq.  
Attorney/Agent for Applicant  
Registration Number 32,360

101 Federal Street  
Boston, MA 02110  
Tel. 617-517-5509  
Fax. 617-439-4170

Date: August 11, 2005  
Customer No.: 21874

Enclosures

08/19/2005 07:30 FAX 773 702 0741

UoFC-UCTECH

002

# **PCT** **POWER OF ATTORNEY**

*(for an international application filed under the Patent Cooperation Treaty)*

*(PCT Rule 90.4)*

The undersigned applicant(s) *(Names should be indicated as they appear in the request)*

LI, Yan Chun  
5652 S. Raper Avenue  
Chicago, Illinois 60637  
United States of America

hereby appoints (appoint) the following person(s) as: ☒ agent ☐ common representative

**Name and address**

*(Please print name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

Peter C. Lauro, Esq., Reg. No. 32,380, and all other practitioners associated with Customer No. 21874 at

EDWARDS & ANGELL, LLP  
P.O. Box 55874  
Boston, Massachusetts 02205  
United States of America

to represent the undersigned before

- ☒ all the competent International Authorities  
☐ the International Searching Authority only  
☐ the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: GEMINI VITAMIN D3 COMPOUNDS AND METHODS OF USE  
THREOP

Applicant's or agent's file reference: 59756WO (49949)

International application number (if already available): US04/13703

filed with the following Office: US as receiving Office and to make or receive payments on behalf of the undersigned.

Signatures of the applicant(s) *(where there are several persons, each of them must sign, next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):*

Date: 8/18/2005 By: Yan Chun Li

Form PCT/Model of power of attorney (for several international applications) (July 1992)

08/19/2005 07:30 FAX 773 702 0741

UoIC-UCTECH

000

# PCT POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request)

The University of Chicago  
5555 South Woodlawn Avenue, Suite 300  
Chicago, IL 60637  
United States of America

herby appoints (appoint) the following person(s) as: ☒ agent ☐ common representative

## Name and address

(Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country.)

Peter C. Lewis, Esq., Reg. No. 32,380, and all other practitioners associated with Customer No. 21674 at:

EDWARDS & ANGELL, LLP  
P.O. Box 55874  
Boston, Massachusetts 02205  
United States of America

to represent the undersigned before

- ☒ all the competent International Authorities  
☐ the International Searching Authority only  
☐ the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: GEMINI VITAMIN D3 COMPOUNDS AND METHODS OF USE  
THHREOT

Applicant's or agent's file reference: 58756WO (13549)

International application number (if already available): US04/13703

filed with the following Office: US as receiving Office and to make or receive  
payments on behalf of the undersigned.

Signatures of the applicant(s) (where there are several persons, each of them must sign and to each signature, indicate the name of the person  
signing and the capacity in which the person signs. If a capacity is not obvious from reading this power.)

Date: Aug 19, 2005

By:

Name (print): AG. P. Lewis

Title (print): Director Office of  
Technology & Intellectual Property

Form PCT/Model of power of attorney (for several international applications) (July 1992)

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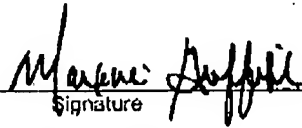
Application No. (if known): 10/553,854

Attorney Docket No.: 59756DIV2(49949)

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Maxine Griffith

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Registration Number, if applicable

(617) 239-0100  
Telephone Number

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Petition to Correct Inventorship Under 37 C.F.R. § 1.48 In Response to  
Notification of Defective Response (2 pages);  
Copy of Notification of Defective Response (2 pages);  
Fee Transmittal (1 page);  
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Letter Adding LI, Yan Chun as an Inventor (7 pages, including facsimile report  
confirmation);  
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